AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 58 (Cancelled)

59. (Previously Presented) An image reproducing apparatus, including:

an input unit which inputs signals for use in at least reproducing images;

a first data selector which acquires moving image data, formed by image frames having a predetermined amount of information, for use with normal reproduction, from the signals inputted in said input unit;

a position specifying unit which acquires, from the inputted signals, information indicative of a relationship between moving image data for special reproduction and the moving image data for normal reproduction, and which specifies from the information a position where the moving image data for special reproduction is present, wherein the moving image data for special reproduction are formed by image frames which have the equal composition to images within the frame images that form the moving image data for normal reproduction and which have a different amount of information from the images that form the moving image for normal reproduction;

a second data selector which acquires, from the position specified, the moving image data for special reproduction; and

a reproduction unit which reproduces the moving image data for normal reproduction and reproduces, as appropriate, the moving image data for special reproduction, wherein

differences between adjacent frames are successively calculated in the moving image data for normal reproduction, and the moving image data for special reproduction included in the signals input by the input unit is generated in a section where the difference is greater than a threshold value,

the moving image data for special reproduction are provided for a partial area within image frames that form the moving image data for normal reproduction,

the moving image data for special reproduction is generated at a frame rate higher than a frame rate to generate the moving image data for normal reproduction,

the reproduction unit displays the partial area where the moving image data for special reproduction are present, in a form recognizable by a user, and, when reproducing the moving image data for special reproduction, said reproduction unit reproduces the thus provided moving image data for special reproduction for the partial area,

the reproduction unit reproduces the moving image data for special reproduction at a frame rate lower than a frame rate at which the moving image data for special reproduction is generated, and

the image reproducing apparatus further including an instruction receiving unit which receives an instruction to the effect that a user wishes to reproduce the moving image data for special reproduction for the partial area displayed.

60. (Previously Presented) The image reproducing apparatus according to claim 59, wherein, in a display screen showing image frames forming the moving image data for normal reproduction, the reproduction unit displays the partial area associated with the moving image data for special reproduction by enclosing the area in a square.

61. (Previously Presented) An image reproducing apparatus, including:

an input unit which inputs signals for use in at least reproducing images;

a first data selector which acquires moving image data, formed by image frames having a predetermined amount of information, for use with normal reproduction, from the signals inputted in said input unit;

a position specifying unit which acquires, from the inputted signals, information indicative of a relationship between moving image data for special reproduction and the moving image data for normal reproduction, and which specifies from the information a position where the moving image data for special reproduction is present, wherein the moving image data for special reproduction are formed by image frames which have the equal composition to images within the frame images that form the moving image data for normal reproduction and which have a different amount of information from the images that form the moving image for normal reproduction;

a second data selector which acquires, from the position specified, the moving image data for special reproduction; and

a reproduction unit which reproduces the moving image data for normal reproduction and reproduces, as appropriate, the moving image data for special reproduction, wherein

differences between adjacent frames are successively calculated in the moving image data for normal reproduction, and the moving image data for special reproduction included in the signals input by the input unit is generated in a section where the difference is greater than a threshold value,

the moving image data for special reproduction are provided for a predetermined section in the moving image data for normal reproduction,

the moving image data for special reproduction is generated at a frame rate higher than a frame rate to generate the moving image data for normal reproduction,

the reproduction unit displays the predetermined section where the moving image data for special reproduction are present, in a form recognizable by a user, and reproduces the moving image data for special reproduction for the predetermined section,

the reproduction unit reproduces the moving image data for special reproduction at a frame rate lower than a frame rate at which the moving image data for special reproduction is generated, and

the image reproducing apparatus further including an instruction receiving unit which receives an instruction to the effect that a user wishes to reproduce the moving image data for special reproduction for the predetermined section displayed.

62. (Previously Presented) The image reproducing apparatus according to claim 61, wherein the reproduction unit displays thumbnail images of image frames forming the moving image data for normal reproduction, and displays image frames forming the moving data for normal reproduction that are associated with the moving image data for special reproduction in a mode different from that of non-associated image frames.

63. (Previously Presented) The image reproducing apparatus according to claim 59, wherein the input signals do not contain the moving image data for special reproduction, and wherein, after the position has been specified by said position specifying unit, said second data selector acquires the moving image data for special reproduction from the specified position via said input.

64. (Previously Presented) The image reproducing apparatus according to claim 61, wherein the input signals do not contain the moving image data for special reproduction, and wherein, after the position has been specified by said position specifying unit, said second data selector acquires the moving image data for special reproduction from the specified position via said input.

65. (Previously Presented) An image reproducing method, including:

inputting signals for use in at least reproducing images;

acquiring moving image data, formed by image frames having a predetermined amount of information, for use with normal reproduction, from the original image data;

acquiring, from the inputted signals, information indicative of a relationship between moving image data for special reproduction and the moving image data for normal reproduction, and specifying from the information a position where the moving image data for special reproduction is present, wherein the moving image data for special reproduction are formed by image frames which have the equal composition to images within the frame images that form the moving image data for normal reproduction and which have a different amount of information from the images that form the moving image for normal reproduction;

acquiring, from the specified position, the moving image data for special reproduction; and

reproducing the moving image data for normal reproduction and reproducing, as appropriate, the moving image data for special reproduction, wherein

differences between adjacent frames are successively calculated in the moving image data for normal reproduction, and the moving image data for special reproduction included in

the signals input by the step of inputting is generated in a section where the difference is greater than a threshold value,

the moving image data for special reproduction are provided for a partial area within image frames that form the moving image data for normal reproduction,

the moving image data for special reproduction is generated at a frame rate higher than a frame rate to generate the moving image data for normal reproduction,

the reproducing displays the partial area where the moving image data for special reproduction are present, in a form recognizable by a user, and reproduces, when reproducing the moving image data for special reproduction, the moving image data for special reproduction for the partial area,

the step of reproducing reproduces the moving image data for special reproduction at a frame rate lower than a frame rate at which the moving image data for special reproduction is generated, and

the image reproducing method further including receiving an instruction to the effect that a user wishes to reproduce the moving image data for special reproduction for the partial area displayed.

66. (Previously Presented) An image reproducing method, including:

inputting signals for use in at least reproducing images;

acquiring moving image data, formed by image frames having a predetermined amount of information, for use with normal reproduction, from the original image data;

acquiring, from the inputted signals, information indicative of a relationship between moving image data for special reproduction and the moving image data for normal reproduction, and specifying from the information a position where the moving image data for special

reproduction is present, wherein the moving image data for special reproduction are formed by image frames which have the equal composition to images within the frame images that form the moving image data for normal reproduction and which have a different amount of information from the images that form the moving image for normal reproduction;

acquiring, from the specified position, the moving image data for special reproduction; and

reproducing the moving image data for normal reproduction and reproducing, as appropriate, the moving image data for special reproduction, wherein

differences between adjacent frames are successively calculated in the moving image data for normal reproduction, and the moving image data for special reproduction included in the signals input by the step of inputting is generated in a section where the difference is greater than a threshold value,

the moving image data for special reproduction are provided for a predetermined section in the moving image data for normal reproduction,

the moving image data for special reproduction is generated at a frame rate higher than a frame rate to generate the moving image data for normal reproduction,

the reproducing displays the predetermined section where the moving image data for special reproduction are present, in a form recognizable by a user, and reproduces the moving image data for special reproduction for the predetermined section,

the step of reproducing reproduces the moving image data for special reproduction at a frame rate lower than a frame rate at which the moving image data for special reproduction is generated, and

the image reproducing method further including receiving an instruction to the effect that a user wishes to reproduce the moving image data for special reproduction for the predetermined section displayed.

67. (Currently Amended) A program product embodied on a <u>non-transitory</u> computer readable medium, the program including the functions of:

inputting signals for use in at least reproducing images;

acquiring moving image data, formed by image frames having a predetermined amount of information, for use with normal reproduction, from the original image data;

acquiring, from the inputted signals, information indicative of a relationship between moving image data for special reproduction and the moving image data for normal reproduction, and specifying from the information a position where the moving image data for special reproduction is present, wherein the moving image data for special reproduction are formed by image frames which have the equal composition to images within the frame images that form the moving image data for normal reproduction and which have a different amount of information from the images that form the moving image for normal reproduction;

acquiring, from the specified position, the moving image data for special reproduction; and

reproducing the moving image data for normal reproduction and reproducing, as appropriate, the moving image data for special reproduction, wherein

differences between adjacent frames are successively calculated in the moving image data for normal reproduction, and the moving image data for special reproduction included in the signals input by the step of inputting is generated in a section where the difference is greater than a threshold value,

the moving image data for special reproduction are provided for a partial area within image frames that form the moving image data for normal reproduction,

the moving image data for special reproduction is generated at a frame rate higher than a frame rate to generate the moving image data for normal reproduction,

the reproducing displays the partial area where the moving image data for special reproduction are present, in a form recognizable by a user, and reproduces, when reproducing the moving image data for special reproduction, the moving image data for special reproduction for the partial area,

the step of reproducing reproduces the moving image data for special reproduction at a frame rate lower than a frame rate at which the moving image data for special reproduction is generated, and

the program further including receiving an instruction to the effect that a user wishes to reproduce the moving image data for special reproduction for the partial area displayed.

68. (Currently Amended) A program product embodied on a <u>non-transitory</u> computer readable medium, the program including the functions of:

acquiring moving image data, formed by image frames having a predetermined amount of information, for use with normal reproduction, from the original image data;

acquiring, from the inputted signals, information indicative of a relationship between moving image data for special reproduction and the moving image data for normal reproduction, and specifying from the information a position where the moving image data for special reproduction is present, wherein the moving image data for special reproduction are formed by image frames which have the equal composition to images within the frame images that form the

10

moving image data for normal reproduction and which have a different amount of information from the images that form the moving image for normal reproduction;

acquiring, from the specified position, the moving image data for special reproduction; and

reproducing the moving image data for normal reproduction and reproducing, as appropriate, the moving image data for special reproduction, wherein

differences between adjacent frames are successively calculated in the moving image data for normal reproduction, and the moving image data for special reproduction included in the signals input by the step of inputting is generated in a section where the difference is greater than a threshold value,

the moving image data for special reproduction are provided for a predetermined section in the moving image data for normal reproduction,

the moving image data for special reproduction is generated at a frame rate higher than a frame rate to generate the moving image data for normal reproduction,

the reproducing displays the predetermined section where the moving image data for special reproduction are present, in a form recognizable by a user, and reproduces the moving image data for special reproduction for the predetermined section,

the step of reproducing reproduces the moving image data for special reproduction at a frame rate lower than a frame rate at which the moving image data for special reproduction is generated, and

the program further including receiving an instruction to the effect that a user wishes to reproduce the moving image data for special reproduction for the predetermined section displayed.

69. (Currently Amended) A <u>non-transitory</u> computer-readable recording medium which stores a program executable by a computer, the program including the functions of:

inputting signals for use in at least reproducing images;

acquiring moving image data, formed by image frames having a predetermined amount of information, for use with normal reproduction, from the original image data;

acquiring, from the inputted signals, information indicative of a relationship between moving image data for special reproduction and the moving image data for normal reproduction, and specifying from the information a position where the moving image data for special reproduction is present, wherein the moving image data for special reproduction are formed by image frames which have the equal composition to images within the frame images that form the moving image data for normal reproduction and which have a different amount of information from the images that form the moving image for normal reproduction;

acquiring, from the specified position, the moving image data for special reproduction; and

reproducing the moving image data for normal reproduction and reproducing, as appropriate, the moving image data for special reproduction, wherein

differences between adjacent frames are successively calculated in the moving image data for normal reproduction, and the moving image data for special reproduction included in the signals input by the step of inputting is generated in a section where the difference is greater than a threshold value,

the moving image data for special reproduction are provided for a partial area within image frames that form the moving image data for normal reproduction,

the moving image data for special reproduction is generated at a frame rate higher than a frame rate to generate the moving image data for normal reproduction,

the reproducing displays the partial area where the moving image data for special reproduction are present, in a form recognizable by a user, and reproduces, when reproducing the moving image data for special reproduction, the moving image data for special reproduction for the partial area,

the step of reproducing reproduces the moving image data for special reproduction at a frame rate lower than a frame rate at which the moving image data for special reproduction is generated, and

the program further including receiving an instruction to the effect that a user wishes to reproduce the moving image data for special reproduction for the partial area displayed.

70. (Currently Amended) A <u>non-transitory</u> computer-readable recording medium which stores a program executable by a computer, the program including the functions of:

acquiring moving image data, formed by image frames having a predetermined amount of information, for use with normal reproduction, from the original image data;

acquiring, from the inputted signals, information indicative of a relationship between moving image data for special reproduction and the moving image data for normal reproduction, and specifying from the information a position where the moving image data for special reproduction is present, wherein the moving image data for special reproduction are formed by image frames which have the equal composition to images within the frame images that form the moving image data for normal reproduction and which have a different amount of information from the images that form the moving image for normal reproduction;

acquiring, from the specified position, the moving image data for special reproduction; and

reproducing the moving image data for normal reproduction and reproducing, as appropriate, the moving image data for special reproduction, wherein

differences between adjacent frames are successively calculated in the moving image data for normal reproduction, and the moving image data for special reproduction included in the signals input by the step of inputting is generated in a section where the difference is greater than a threshold value,

the moving image data for special reproduction are provided for a predetermined section in the moving image data for normal reproduction,

the moving image data for special reproduction is generated at a frame rate higher than a frame rate to generate the moving image data for normal reproduction,

the reproducing displays the predetermined section where the moving image data for special reproduction are present, in a form recognizable by a user, and reproduces the moving image data for special reproduction for the predetermined section,

the step of reproducing reproduces the moving image data for special reproduction at a frame rate lower than a frame rate at which the moving image data for special reproduction is generated, and

the program further including receiving an instruction to the effect that a user wishes to reproduce the moving image data for special reproduction for the predetermined section displayed.